

# EUROPEAN PATENT OFFICE

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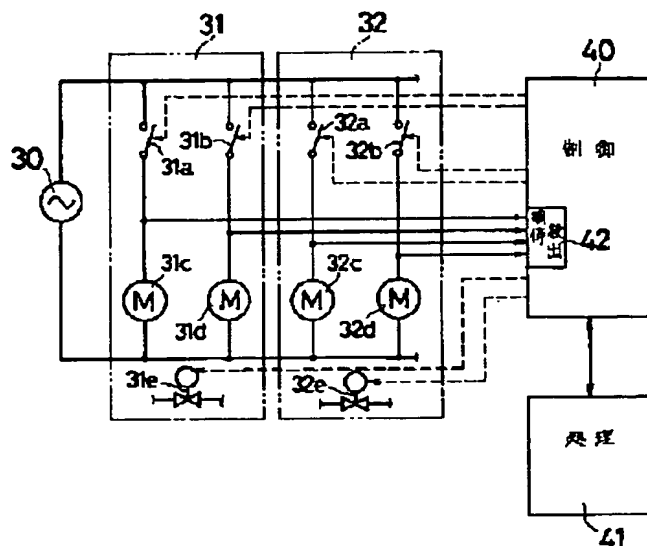
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APPLICANT : KAWASAKI HEAVY IND LTD;

INVENTOR : FUJII KAZUHIKO;

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TITLE : OPERATION DEVICE FOR  
REFRIGERATOR AND OPERATING  
METHOD THEREOF



ABSTRACT : PURPOSE: To make it possible to restart easily from a spontaneous power failure.

CONSTITUTION: Motors 31c, 31d, 32c and 32d are connected to No.1 refrigerator and No.2 refrigerator respectively by way of electro-magnetic contacts 31a, 31b; 32a and 32b where solenoid valves 31e and 32e are also included respectively. A spontaneous power failure detection circuit 42 in a control device 40 detects the suspension of power supply to the motors 31c, 31d, 32c and 32d when the electro-magnetic contacts 31a, 31b; 32a and 32b are suspended by a spontaneous power failure of a power source 30. The refrigerators 31 and 32, which include those detected motors 31c, 31d, 32c and 32d, to which power supply is suspended, are controlled so that they may come to a halt approximately in normal mode. When they are required to restart, a processing device 41 instructs the starting of the refrigerators 31 and 32 in similar mode to restart after normal suspension.

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